

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: tomrice@netcom.com (Tom R. Rice)
Subject: Al scratch filler?
Message-ID: <199703310121.RAA13851@netcom10.netcom.com>

Well, I'm not really a body-putty kinda guy, but I'm in a hurry to get my 6T9 rig on the air and am ready to paint the front panel, which, being made from scrap metal, has a couple of husky scratches in it, too deep to sand out.

Can some kind soul suggest some suitable filler which will stick in place even after I spray on the paint? Matte black will be the end color, just to hide the minor defects.

Thanks in advance, WB6BYH

--

"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice
tomrice@netcom.com
CIS: 71160,1122

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "Rick Blank" <rblank@legend.txdirect.net>
Subject: Re: Al scratch filler?
Message-ID: <199703310533.XAA03542@legend.txdirect.net>

> Well, I'm not really a body-putty kinda guy, but
> I'm in a hurry to get my 6T9 rig on the air and
> am ready to paint the front panel, which, being
> made from scrap metal, has a couple of husky scratches
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> which will stick in place even after I spray on
> the paint? Matte black will be the end color,
> just to hide the minor defects.

>

If the scratches are rather small, not over 1/16" deep, there is an auto body putty called "glazing putty" which is basically a real, real thick primer-surfacer, lacquer based, that can be used to feather out small imperfections after the piece has been primed.

Just test the putty to make sure that it is compatible with your primer...spray a piece of metal with the primer then apply a thin

coat of the glazing putty and allow to dry....when THOROUGHLY dry, sand the putty down to the primer and see if it has corrupted the primer excessively or lifted it...if not, you got it made...if so, change your primer....

This stuff is relatively easy to work with, does not require mixing as do "Bondo" type body putties, and usually is available in contrasting colors to your primer to help let you know when things are getting level. This putty is not strong and should not be used anyplace where strength is necessary.

Just apply THIN coats allowing the recommended drying times between coats and sand with 240 grit sandpaper. After feathering, apply another THIN coat of primer, allow to dry, sand LIGHTLY with 400 grit wet-or-dry, then coat with the finish coats..

That should take care of small imperfections...

CUL

Rick Blank, KI5SL
rblank@txdirect.net
AMSAT NA# 26195
San Antonio, Texas

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: w0ozg@digitalexp.com (Schoepf, David)
Subject: Aluminum Welding/Soldering
Message-ID: <19970331023119733.AAA173@LOCALNAME>

I've been buying "Bernz-o-Matic rod Model; AL-3 for some time now. Works great. All you have to do is have the gross crud off the surface. No flux required.

I buy mine at Home Depot. Not cheap though, a 12" rod costs about \$1.00.

I've used it outdoors on antennas, and while it weathers to a different color it still holds together OK.

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: arc5@ix.netcom.com
Subject: ARC-5 Transmitter Values
Message-ID: <199733154137241@ix.netcom.com>

(Copied to the list for general information)
Hi Sal.

AN/ARC-5 Transmitters: Scarcity and Current Market Values,
assuming complete/unmodified/clean (no corrosion, dust OK).

Scarcity based on production quantities and the likelihood
of finding an *un-hammed* rig. For example: Lots of T-19s
around, but few that haven't been hacked-up.

Values based on recent transactions of which I am aware.
Prices are always subject to personal ideas and negotiation.

Note: Some collectors prefer Aircraft Radio Corp (CBY)
over Stromberg-Carlson (CCT).

Model	Freq	Scarcity	Market Value
T-15	500-800 KC	Very Rare	Negotiable, usually \$250+
T-16	800-1300 KC	Very Rare	Negotiable, usually \$200+
T-17	1300-2100 KC	Rare	Negotiable, usually \$200+
T-18	2100-3000 KC	Uncommon	\$45
T-19	3000-4000 KC	Uncommon	\$40
T-20	4000-5300 KC	Common	\$35
T-21	5300-7000 KC	Common	\$35
T-22	7000-9000 KC	Uncommon	\$40
T-89	100-125 MC	Very Rare	Negotiable, usually \$200+
T-90	125-150 MC	Very Rare	Negotiable, usually \$250+

Any unit with an "X" appending to its nomenclature,
denoting 12 VDC, goes for a negotiable premium.

Prices for "hammed" rigs are a matter of personal
opinion, but I don't buy them.

There are rare prototypes, one-of-a-kinds and
small production runs, such as the run of T-19s
supposedly marked in Cyrillic and such. All these
are of course negotiated between parties.

There is a rumor that A.R.C. produced a small run of
T-14s, which tuned 300-500 KC. Anyone heard of such
a beast?

Hope this helps out.

73 ES GL OM DE Dave AB5S

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Keith Heitzmann <kk5fe@communique.net>
Subject: Bighorn Museum (having more email trouble)
Message-ID: <2.2.16.19970330174005.13afb8cc@mail.communique.net>

Hi All,
Just talked to Don, and he said that he is having massive trouble with his email. He asked everyone who is trying to email him to please be patient or to give him a landline @(719) 763-2220 after 6PM MST.
I just got a HQ-170 from him and its a beauty.
Thanks,
Keith KK5FE

-----Keeper of all that I buy-----
-----AMI# 837-----
-----Visit my vintage Radio Web Site-----
-----http://www.communique.net/~kk5fe---

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Galpind@aol.com
Subject: Bighorn Museum Visit
Message-ID: <970330192217_1453446207@emout07.mail.aol.com>

Hello BA Fans,

My wife and I decided to take a driving trip around Colorado on the long weekend. Of course I talked her into stopping in Genoa to visit the radio museum. I spent some time talking with Don and picked up some new boatanchors.

Don's building is failing fast. Last week a wind storm blew out a bunch of windows and that he now has to repair. The structure is also in poor condition. The weather in eastern Colorado is not very friendly to wooden bulidings. Anyhow, as mentioned here before, Don is packing things up to move to Missouri. He is also cleaning house a bit. He has some tube type test equipemnt and VHF commercial gear that is going really cheap.

I wans't able to see the museum pieces because of the building condition but I did look over the for sale stuff. When Don's list says excellent, it is. I saw a DX 20 that looked like it came right out of the box. All of his Heath stuff is quite good looking. He also has some good transmitters from B&W and Hallicrafters, with SSB.

I picked up two Viking IIs, slightly rusty and a beat up SX 100. Don called them parts radios but they looked tinkerable to me. Also got a National NC101X. I don't know anything about it but it looks neat. It appears to tune continuously from .54 to 30 MHz. I would appreciate any history or info on this one. It appears to be military in origin but with some civilian mods.

I think I have a source for Halli manuals but would appreciate any info on sources for Johnson and National manuals.

One of the cheap pieces of test equipment that I got is an Air Force WWV receiver. The nameplate says "Monitor - Radio Frequency, LA800D, Ser No 161, Cont. AF33(604)22444, Lavoie Laboratories, Inc., USAF TCAC-576150" I would appreciate any info anyone might have.

Well, I have taken up enough bytes on this for now. I'll post more if there is any interest.

73 Dave, KB0LP

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997

From: Dave Creek <dcreek@pixi.com>

Subject: Re: Bighorn Museum Visit

Message-ID: <Pine.PCW.3.95.970330143240.8919A-100000@neobaragon03.pixi.com>

On Mon, 31 Mar 1997 Galpind@aol.com wrote:

> One of the cheap pieces of test equipment that I got is an Air Force WWV
> receiver. The nameplate says "Monitor - Radio Frequency, LA800D, Ser No 161,
> Cont. AF33(604)22444, Lavoie Laboratories, Inc., USAF TCAC-576150" I would
> appreciate any info anyone might have.

The Lavoie LA800 was a WWV Receiver/Comparator used in the USAF Cal labs to set the frequency of counter timebases. They would receive WWV/WWVH or other time base stations on 5, 10, 15 MHz. The output of the counter time base at 10 MHz was fed into a jack on the LA800, the comparison was made on a small scope tube. The scope display was a circle with a gap in it. The counter oscillator was adjusted until the dark gap stopped rotating. This system was used on the old tube type frequency counters (ie HP 524 etc.) When the HP 5245 type counters came into use, the LA 800 was replaced by Fluke-Monotronics 207-1 VLF comparators since the time base in the new counters were more accurate than the WWV received signal.

73 es Aloha

Dave Creek, NH6BA

Ewa Beach, HI

dcreek@pixi.com

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Galpind@aol.com
Subject: Bighorn Museum Visit
Message-ID: <970330195052_1185422048@emout02.mail.aol.com>

Hello BA Fans,

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Well, I have taken up enough bytes on this for now. I'll post more if there is any interest.

73 Dave, KB0LP

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Bighorn Museum Visit
Message-ID: <Pine.SUN.3.91.970330231304.5745D-100000@indy3>

Hi!

Genoa, CO has a fairly long history in the annals of ham radio--in 1940, a 2.5m record was set with one end of the link in a 60-foot tower in Geona. Tower looks like a baby lighthouse--fellow who owned it was not a ham (and of course right now I can't find the QST write-up that gives his name!) but was quite amenable to hams "borrowing" the tower.

Wonder if it's still standing?

73,
--Bobbi

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Ho4bart@aol.com
Subject: Broadcast Mics: more trivia
Message-ID: <970330131739_-1336571143@emout08.mail.aol.com>

In SLC there's a stringed instrument shop on South Temple and abt 700 E. that has a large collection of broadcast-type mics displayed on one wall. Some very nice pieces. I'm sure nothing is for sale and anyway, the prices on such mics.....

and also: i was reading in a militaria magazine about a Japanese broadcast microphone sold recently at auction. the style is rectangular with about a 1:4 ratio with the upper 2/3 perforated, sorry that's all i know about these types. the lower 1/3 has a U-bracket attached to sides and has these letters on it:

JOAK
V-147

it has a fitted carry or storage case. "liberated from Radio Tokyo at the end of WW2". ("liberated" sounds like usual sales hype, Tokyo at end of war was not Berlin, with people just running around grabbing things.) selling price? \$4125. that's plus auction commission.

hue miller

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: dr.electron@juno.com
Subject: Re: Broadcast Mics: more trivia
Message-ID: <19970330.150700.8646.1.dr.electron@juno.com>

???...\$\$\$\$...GAG !!!!

Rich

#

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Paul & Sandra Bock <bocks@erols.com>
Subject: Re: CAQZ-26026
Message-ID: <333F27FE.7C03@erols.com>

Many thanks to Ray Mote for IDing the two keys for me. I was particularly interested to find that the CJB-26001A nomenclature dates from as early as 1932. My particular key has the orange "anchor" stamp on the bottom, so I wonder if that is helpful in narrowing down the time period?

Regarding the CAQZ-26026, I'll ask the obvious question: What the heck is a "Navy Model MAR?"

Paul, K4MSG

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: don merz <71333.144@CompuServe.COM>
Subject: CQ Magazines FS
Message-ID: <970331121303_71333.144_DHB56-7@CompuServe.COM>

CQ Magazines FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com Trades and offers welcome!

CQ Magazine: All \$1.50 each unless noted.

1947: 5,6,10,11,11(dupe)
1948: 1,2,3,4,5,6,7,8,10,11,12
1949: 1,2,3,4,6,7,9,10,11,12
1950: 1,2,3,4,5,6,7,8,9,10,12
1951: Complete
1951 dupes: 2,4,6,7,8,9,10,11,12

1952: Complete
1953: 1,5,6,8,10
1954: 2,11
1955: 3,6,7,8,9
1956: 4,7,8,9,10,11,12
1957: 1,2,3,4,5,6,9,11,12
1958: 1,2,3(no cover),4,6,7,8,9,10,11,12
1959: 1,2,3,4,5,6,7,8
1968: 11,12
1969: 1,2,3,4,5,6,7,8,9,10,11,11(dupe)
1970: 1,2,3,4,5,6,7,8,9,10,11

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Gary Youney <72302.2164@CompuServe.COM>
Subject: E F Johnson KW Matchbox
Message-ID: <970330233355_72302.2164_DHR29-1@CompuServe.COM>

I have a very nice one for sale. It has no mods and no holes. It has the meter and the directional coupler.

Given all the notes lately about buying and selling, I'm not sure how best to do this, so I'll take the best offer as of Wednesday evening. (I'll also assume your offer does not include shipping, unless you state differently.)

73, Gary K5QT (I also have the smaller one which I'll sell later, to avoid confusion on MY part!)

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: BEN NOCK <106312.1035@compuserve.com>
Subject: Eddystones and Bruce !
Message-ID: <199703310540_MC2-137C-EA57@compuserve.com>

Greetings All

I am a new list member and wondered if there were any on the list who had a particular interest in Eddystone Receivers.

Please e-mail me directly to save bandwidth.

Thanks
Bruce Murray
Eddystone 830

-----reply-----

Hello Bruce. I have an interest in Eddys, I have several,
EC10, EA12, 504, 870, 870A, 730/4, 830

but I have an interest in most old radio things, hi.

What do you have ?

Tried you direct but your mail gets returned !
cheers, Ben.

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: lsmith <ckvnfm@mb.sympatico.ca>
Subject: EL34 Cross ref?
Message-ID: <333FD60F.C4D@mb.sympatico.ca>

Can someone let me know what the North American x-ref tube number is for
the EL-34? Could be dumb tube question of the year, but will a 6L6 work
there? tn timer de
Lee Smith
VE4ANC

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Greg Roecker <roecker.greg@ist.mds.lmco.com>
Subject: F.S. Heathkit SB-200
Message-ID: <Chameleon.859760738.greg@roeckerpc.ist.mds.lmco.com>

Hello to all,

For Sale: Heathkit SB-200 Linear Amplifier.

Price: \$350 plus about 35lbs. shipping from zip 30075

Covers 80-10 meters (does work on 17 meters)

Pair of 572B tubes. Runs 1200 Watts PEP Input SSB, and 1000
Watts Input on CW. On my wattmeter, it shows 600 Watts of
output on 80 meters with 100 watts of drive. 10 meters runs
500 Watts of output with about 90 watts of drive.

The amplifier is in very good physical and electrical
condition. It is currently wired for 110 volt operation.
There are no scratches on the front panel, and only slight
scratches on the lip ring where the chassis has been slid in and

out. The cabinet is in great condition, with only very slight rub marks on the front edge. I have the original Heathkit manual for the rig, plus several articles on interfacing it with solid state rigs

I would prefer to deliver within reasonable driving distance of Atlanta, Georgia, but will ship if I have to. If interested, please email me at:

roecker.greg@ist.mds.lmco.com

Or you may call me at home at 770.552.0640.

Thanks, and 73,

Greg Roecker / N4OSJ

Greg Roecker
E-mail: roecker.greg@ist.mds.lmco.com
Voice: 770.698.5226
Fax: 770.698.5220
From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: ARONGV@aol.com
Subject: Free Manuals
Message-ID: <970330223054_-2105858640@emout01.mail.aol.com>

Hi Gang:

Last of the manuals from Manuals for Postage go into snail mail in AM.

Made a note of guys who put their request in but never sent postage. Don't bother trying again.

Sorry to be a bit tardy, but life has been hectic.

73s & Happy Easter

Ron W00IZ Kansas City

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "Robert P. Buehlmann" <w4tim@mindspring.com>
Subject: FS QST Mags are sold
Message-ID: <1.5.4.16.19970331092732.10d7ec9a@pop.mindspring.com>

Folks,

Am pleased to say as well as sad to say that all the QST's I listed have been spoken for and are going to a good home. Twas not enough to go around on this posting but will advise should I receive more. Next posting will be on CQ's

73 de TIM

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: jcreid@CCGATE.HAC.COM
Subject: FS stuff is gone.
Message-ID: <9702318598.AA859823363@CCGATE.HAC.COM>

Hi Gang,

Thanks to everyone who inquired about my recent list of stuff for sale. The Browning CB and the Gonset are going to new homes. Wish I had a dozen of those Brownings, I could've sold them all. I'm still digging through stuff in the garage, but I'm sure there's no more tube CB's. If anything good turns up, I'll post it here first.

-Jim

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Terry Gaiser <gaiser@lsbsdi2.lightspeed.net>
Subject: FS: Collins WE 30S-1
Message-ID: <333EBF6C.4B82@bak2.lightspeed.net>

Nice condition with spare tube. \$ 1500.00 pickup in Bakersfield, CA.
Terry Gaiser - W6TG
805-366-2211
fax 805-363-5011

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Ho4bart@aol.com
Subject: FT: have RAS coils, need HRO coils.
Message-ID: <970330130520_1185389419@emout08.mail.aol.com>

i will be taking a vacation in early may and can bring back some RAS coils in storage. maybe 4. i would like to find some HRO coils for a coil-challenged set. For a couple with good bands like (i would hope) 3-7 & 7-14 with bandspread, i would offer 2:1 swap.

also in the unlikely case someone has maybe parted out a HRO i need the bottom plate for a HRO-5 or -M type.

FS/FT: i still have an AN/GSC-T1 code training audio osc (i.e. "CP0") a nice looking apparat in armored wood trunk, good condx. it has 4 keys similar to J38 except for plastic base. i lugged this 900 miles from storage and don't want to lug it back when i move again this year, but i don't also want to price it so low that someone just robs the keys & sells them (i.e. non-Boatanchors types). trade/ buy offer?

and- HQ110 advertisement sheet, free, but you must send me a large envelope, stamped, that's just to make it not too easy so it thins out the askers.

tnx, hue miller

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: mashaum@fcg.net (Mark Shaum)
Subject: Re: Hammarlund IF tuning
Message-ID: <M.033097.173844.07@Default>

Jack, lemme throw out a couple comments. First, about stagger tuning. This is most applicable where there is a single element (mechanical, crystal lattice filter) or stages (the last IF section of the HQ170/180, NC300/303, and others with a last IF of 100kc or less) that is supposed to provide what amounts to ALL of the frequency response control. The higher frequency intermediate IF's have low enough Q (as you noticed with your measurements) not to affect the overall response curve, unless they are severely detuned. In the case of the R390A's, stagger tuning of the 455 cans gets the aggregate response wide enough so that when you switch in that 16kc filter, you won't be shortchanged in maximum bandwidth by the Q of all of those tuned circuits 'peaked' to exactly the same frequency. Q-lowering resistors in parallel with the IF windings are frequently used to broaden out the response peak, so that this bandwidth limiting doesn't occur. In most receivers that use "Q-spoiling" resistors, I'd guess the "align all to exact freq" rule would apply. I notice that some TM's for the 390A's (mine) suggest stagger tuning as an alternate, but not required, alignment method.

On some receivers without steep-skirted tuning elements to limit the maximum bw, stagger tuning is frequently used to give them a wider bandwidth, which does "sound" better on most any AM signal, assuming you don't have any QRM.

Back to your HQ180.. draw out response curves, with a given selectivity (say, 2 or 3kc) and map out the response with the selector set to Upper, Lower and Both, on the same sheet of graph paper. This is rather tedious, with the very

fine frequency steps required. On my NC300 I ended up breadboarding a little LF oscillator that gave me plenty of "bandsread". You may find that one of the response curves is shaped ok, but is several db down from it's partner.

Here's what was wrong with my NC300.. while the low frequency IF could be aligned to the target frequency specified in the manual, some of the resonating capacitors had drifted considerably. This affected the L/C ratio for the particular resonant circuit, since the coils had to be adjusted to an inductance well outside of the design value, and the loaded Q was affected (which enters into the overall response). I also had some leaky capacitors that broadened out some of the individual resonant circuits. I ended up going for a "custom" response, where the center frequency would not shift with bandwidth changes, so ended up with a lot of trimmer caps and mucho hours of curve plotting/cut 'n try. It was probably worth the effort just to find the leaky caps in the first place. The NC300 didn't sound "Bad" in the first place, I just didn't like the IF center frequency shift when changing bandwidths on CW.

This problem would be more severe with the HQ170/180 circuits, where the entire IF is shifted, center frequency wise, between the lower/upper and both sideband modes. My HQ170 isn't perfectly symmetrical when you compare the USB vs. LSB curves, but it's close enough for the moment. I say so after pulling the case off yesterday for the quarterly dusting out and determining how much fun it would be to reach all of those capacitors, avoid damaging switch wafers, etc.

If your distortion is indeed related to the overall IF response, checking each of those caps (both resonating and coupling) for leakage might be in order.

HOWEVER! Light at the end of the tunnel.. don't forget about the detector, decoupling, noise limiter and audio circuits! The distortion you hear might not be related to the IF at all. Improperly filtered AGC can also cause AM signals to sound distorted on high modulation peaks, and I hear from a few folks that AGC in the 170/180's went through many revisions by Hammarlund. Mebbe just find the newest diagram you can find for your receiver and change the AGC circuits to whatever was on the diagram.

>I very much would appreciate a bit of insight into all of this 'stagger
>tuning' business...

>BTW -- one thing that I have learned is that when I align the IF's of a
>receiver in the future, that I will definitely actually plot on paper the
>response by frequency -- remarkable stuff to look at...

>Regards,

>Jack, KC0LR (Friend to all things Hammarlund -- and a bit confused)

Mark Shaum, K9TR

mashaum@fcg.net

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Hammarlund IF tuning (SP-600)
Message-ID: <Pine.ULT.3.95.970330193209.19007B-100000@admin.aurora.edu>

I have a question that has yet to be answered. I know there are a lot of SP-600's out there, so here is my problem:

On the non-xtal selectivity positions of the bandwidth switch, as I change selectivity, the center frequency of the IF changes. Selectivity in these three (3, 8, and 13 KC) positions, is changed by switching windings in 2 of the IF cans. My question is, is that normal or do I have a real problem? Anyone else experienced the same thing? It is easy to tell this is happening in the AM mode by tuning in a BC station at 3KC then changing to 8 or 13KC. It then sounds like you have bumped the dial and have to retune.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Hunter 20W exciter (circa 1949)
Message-ID: <1.5.4.16.19970330201145.28efddfa@pop.mindspring.com>

I have been looking for a low power VFO/exciter to turn into a low power CW/SSB exciter with either an SB-10 or BW 51SB. I came close on a Collins 310B3 and 310C2 and now I have a chance at a Hunter 20W exciter. The picture Faxed me makes it look very much like a 310B3. This is a VFO/PTO unit (looks like it uses either the Collins PTO or a near clone) that reads freq directly, has a built in low impedance link coupled output, control circuitry for an amp, and is bandswitched from 3.5 to 29.7Mhz. Assume 6AG7 and 807 or 2E26 as with Collins. 20W is output so about 30 to 35W input (gosh that sounds exactly like a 310B3!!!)

The case is good but the fellow says it needs work inside (I asked for a

clarification), dial/PTO mechanism works, and all knobs are there and good.

Made by the same people who made the Hunter bandit amp series for many years.

Anyone know anything about this exciter? He has a short manual with block circuit so will also need a schematic.

Dave K4JRB
Early Mobile and SSB

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: jackiv@juno.com (JOHN M IVERSON)
Subject: Re: Hunter 20W exciter (circa 1949)
Message-ID: <19970330.213754.3358.0.jackiv@juno.com>

The Hunter should look like the 310, they both came , almost from Hunter, worked for collins then built several little rigs such as your exciter and a cyclemaster. The pto worked pretty good , some were in tin cans. I want to think of about '48 or '49. I am sure that someone out there around Iowa City will remember all the history
The bandit was much later I believe.
jack K0EWU JACKIV@AOL.COM

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Robert Nickels <ranickel@mwci.net>
Subject: Re: Hunter 20W exciter (circa 1949)
Message-ID: <333F36AC.3B4C@mwci.net>

David L. Thompson wrote:
>

> Made by the same people who made the Hunter bandit amp series for many > years.
Anyone know anything about this exciter?

Dave,

You've got a Hunter Cyclemaster 20A, a 20 watt exciter/VFO made in 1948-9. The company was started by Ted Hunter, WONTI who worked on the PTO at Collins Radio. I remember listening to him in the late 60's when he was one of the founders of the Eye Bank Net. A rare item to be sure!

73, Bob W9RAN

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Jim Lowman <jmlowman@ix.netcom.com>
Subject: Keys Wanted
Message-ID: <3.0.32.19970330134556.0068f210@popd.netcruiser>

I have a friend, Leon (W6HAL) who asked me to be on the lookout for vintage keys.

If anyone has any to sell, please send a description and asking price to me, and I will forward the information to Leon.

73 de Jim - KF6CR

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: douga@rosevax.rosemount.com (Doug Arntson)
Subject: Re: KWM-2 on CW
Message-ID: <199703311445.IAA17612@scar.sunserv>

>Can anyone tell
>me if there is a mod available for the KWM-2 to reduce the CW offset
>to about 800 hz. The present offset is 1.5khz and makes working CW very
>difficult with stations calling me 1.5 khz off my freq.
>
>Thanks and 73
>Frank V01HP

Frank,

I recently posted to the Collins reflector on this subject. There is a RIT kit for the kwm2 and s-line that will allow true transceive for cw.

The rit allows you to tune - 1 to + 2 Khz. The rit is on a circuit card about 2 x 2 inches. It mounts to the back surface of the pto to existing holes. There is a brass finger that touches the trimmer cap on the top of the pto. The rit works by varying that capacitance during receive only, thus shifting the frequency of the pto.

The rit installs with no modification, added holes, or solder joints in the kwm2. The s-line requires the addition of an added soldered wire in the receiver and the addition of a diode in the transmitter. No alignment of the collins is required.

The kit is available from:

W1ETC
John Webb
Box 747
Amherst, NH 03031

Cost: \$59.95 + \$5 shipping (When I bought it 2 years ago)
Don't have his phone number, but it shouldn't be too hard to look up.

By the way. I have no connection with John, just a satisfied user.

73

Doug, K0PX

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Magazines Etc FS
Message-ID: <970330195040_71333.144_DHB22-2@CompuServe.COM>

Vintage Radio Literature & Magazines FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com Trades and offers welcome!

Original RCA/Cunningham tube engineering bulletins. Each is 4-8
pages long. Aged and a bit dirty but still nice: \$4 each

807 Transmitting Beam Power Amplifier, 1936
807 Transmitting Beam Power Amplifier, 1936
809 RF Power Amplifier, Oscillator, Class B Modulator, 1937
CX-324 Screen Grid Amplifier and Detector, 1929
CX-345 Power Amplifier, March 1, 1929
CX-345 Power Amplifier, March 1, 1929

Radio News Amateur's Handibook, Vol. 4, 1927. Binding edge taped,
cover fraying. Still beautiful. This is a full-size magazine with
color cover, not a book. \$9

Radio Craft Magazine. All with covers unless noted. Some need
covers wiped off to look nice. \$2.50 each or 12/\$24 unless noted.
1939: 7, 10 (the October issue has a laughable inset picture of
Lee de Forest standing next to a horse with the caption "De
Forest Cures Horse" !!)
1942: 10,11
1942: September: Famous WWII cover shows Winston Churchill
talking on a BC-611 handie talkie. \$5

1942: Cover shows doughboy with BC-611. \$4
1943: 1,2,3,4,7,11,12
1943: 6: Cover shows WERS Civil Defense guy using Abott DK-3. \$4
1943: 10: Cover shows BC-610's being assembled: \$5
1944: Complete: \$24. All with famous Gernsback WWII covers.
1944: 7 (dupe)
1945: All except May. 2 missing covers. \$19
1946: 1,2,3,4,5,7,8,10,11: \$2 each
1946: 2 (dupe)
1947: 2,4,5: \$2 each
1947: 40 Years of The Vacuum Tube special issue with famous photo
of Lee himself gazing into spherical audion on cover. Cover
loose and binding rough. Still nice. \$5

QST Magazine: These are not in as good condition as the others I
posted here recently. About half of the covers are loose. \$15 per
12 issues. No single issues please.

1930: 12
1931: 1,3,4,5,6,7,9,10,11,12
1932: 1,3,4,5,6,7,8,9,10,11,12
1934: Complete and in nice shape. Also dupe of 4/33.
1935: 1,2,3,4,5,6,8,9,10,11,12
1936: Complete and in nice shape.
1937: Complete and in nice shape.
1938: 2,3,4,5,6,7,8,9,11,12
1939: 1,2,3,4,5,6,7,8,9
1940: 3,4,6,7,8,12
1943: 11,12
1944: 1,2,3,4,5,6,7,8,9,10
1945: 1,2,3,4,5,6,7
1946: 1,2,4,5,6,7,8,9,10,11,12
1947: 2,3,5,6,7,8,9,10,11,12
1948: 2,3,4,5,6,7,8,10,11,12
1949: 1,2,3,4,5,7,10,11,12
1950: 2,3,4,5,6,8,9,10,11,12
1951: 1,2,3,4,5,8,9,10,11,12: Nice shape
1952: Complete and in nice shape
1953: 1,2,3,4,5,6,7,8,9,11,12: Nice shape

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "Robert P. Buehlmann" <w4tim@mindspring.com>
Subject: Magazines FS
Message-ID: <1.5.4.16.19970330220146.3d270158@pop.mindspring.com>

To one and all,

Have the following QST's available. Part 1 are complete years. All are in very good condx except those years marked with an *. for these the condx is good to VG. Part 2 are incomplete years in which i've listed the individual months. Please note the hexidecimal notation (ugh) for oct/nov/dec =A, B, C

Part 1

\$ 3.00 per year plus postage 90*, 89 , 88, 87, 86, 85, 84, 83, 82, 81, 80*, 79*, 78*, 77*, 76

\$ 5.00 per year plus postage 75*, 73, 70, 60*

Part 2

89	2			\$ 0.25	EACH PLUS POSTAGE
88	1 45	89ABC		\$ 0.25	"
81	12 45	B		\$ 0.25	"
74		C	FAIR CONDX	\$ 0.25	"
73	123456789AB			\$ 0.40	EACH
69	123456789AB				"
68	12 456789	B			"
67		6789	B		"
66	123	6789ABC			"
65		78			"
64	123456789AB				"
63	1234567	9AB			"
62	123456	8	B		"
61	12 456789AB				"
56	12 45 7 9A		A=FAIR=0.25	\$ 0.75	EACH
55	12345		C		"
54	3	6			"
53	12345678	ABC			"

Also have additional QST dating back to 1939, CQ back to 1946, Popular Electronics, Radio Electronics back to the 50's which I've not had time to catalog condx and issues available. Any interest in these?

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
 From: "David M. Nance" <dmnance@roanoke.infi.net>
 Subject: Manual Needed: Precision #-310 Signal Generator

Message-ID: <33401459.725@roanoke.infi.net>

I'm still trying to find a manual for a Precision E-310 Sine & Square Wave Generator they I acquired a few weeks ago. If anyone has one, I would gladly pay copying and postage cost. Want to use it to align (malign?) the 60 kc IF's in my Hammarlund 180.

Thanks

David Nance WB4SSE
3555 Grandin Road SW
Roanoke, VA 24018

e-mail: dmnance@roanoke.infi.net

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Mo' Tube Help!!
Message-ID: <2.2.32.19970331172632.00726b4c@marlin.nosc.mil>

Co-worker W6DXJ, unrepentant UHF guy, needs info on these things .
Any info? Thanks ahead of time. Pete needs the specs so he can use 'em to bounce off the moon or something.

EIMAC YU129
RCA 4665
Siemens YD 1381

Ed Zeranski ejz@marlin.nosc.mil, work
ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Bob Login <jlogin@gville.mindspring.com>
Subject: Morrow MB560/MBR5/RTS600S--HQ-100---FS
Message-ID: <199703301717.MAA14694@brickbat9.mindspring.com>

HI--I have these units as is non-working but retoreable or for parts
For sale:

Morrow MB560, MBR5 & RTS600S power supply
Equip is complete with cables and tubes. Power supply
exhibits hot transformers, very complete & could be restored.
\$125

Hammerlund HQ-100 partially restored. Front panel redone
All tubes. Needs TLC - working but minimally, BFO/front end problems
\$100

No manuals for above. Don't have the time or inclination to
work on. Rather recycle \$ or trade? Local pickup or
you pay shipping from Greenville, SC

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: philw7bw@juno.com (Phillip A. Rand)
Subject: National FB-7 coils
Message-ID: <19970330.142946.7591.1.philw7bw@juno.com>

Hi Gang,
WTB a set of ten meter bandspread plug-in coils for my National FB-7
receiver. Please contact via philw7bw@juno.com and thanks in advance.

73.....Phil, W7BW

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: David Ross <ross@hypertools.com>
Subject: Need info on Lambda power supply
Message-ID: <199703310543.VAA05909@kim.teleport.com>

BAfolks -

HELP! Does anyone have a manual or schematic for a Lambda LE103-506 power
supply? It's a 7" tall rackmount unit, 0-36V @ 15A, and is currently set up
for 220VAC input. I'd like to convert it to run off 110 but can see no
obvious way to do it - will gladly pay for copying & mailing expenses, etc.

thanks & 73
Dave Ross KA6EPI ross@hypertools.com

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: WA6GYD@aol.com
Subject: no twinax connectors
Message-ID: <970331113210_-1738212707@emout17.mail.aol.com>

I am sorry fellows the source I thought I had for twinax connectors is a little ify. I will let the list know if and when I have them in hand. My mistake I should have gotten them in hand before I spoke up. Hope I haven't caused any inconvenience.

Don

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Thomas Bowes <bowes@klondyke.net>
Subject: Re: R-390a Kleronomos Audio
Message-ID: <333DD18F.1040@klondyke.net>

Herb Holeman wrote:

>
> Several times now I've seen the Kleronomos audio mods for the R-390A
> mentioned on the list.....
>
> Are these mods published anywhere, or are they done only by Mr.
> Kleronomos?
>
> Enquiring minds want to know.....
>
>

Herb (and the group),

I have an information package that I developed in cooperation with Bill Kleronomos which covers how to do the mod on your own 390A audio chassis. The package can be had by sending an SASE and \$3.00 to the address below. So far I haven't had any complaints or requests for money to be returned, so I guess that pretty much says it all. Best Wishes.

--

"Tom"

Thomas Bowes
KK8M
35332 Churchill
Richmond, Michigan 48062-1179

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Mike Maloney <ac5p@ionet.net>
Subject: R4C for AM service?
Message-ID: <199703310353.VAA11821@mail.ionet.net>

Wonder if anyone uses an R4C for AM-SWL'ing and has modified the AM mode position for selection of the optional 4 or 6KHz AM filters, as well as, the stock WIIIIIIIDE "filter"?
73/Mike

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: n4bno@juno.com (James R Bridgers)
Subject: RCA-866 A Tubes Gone
Message-ID: <19970330.153534.5087.4.n4bno@juno.com>

The RCA-866 A tubes have been spoken for. If the deals don't work out I will post again.

73
Rodney

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: "H. Dave meitzen" <hdmeitzen@champion.aclic.com>
Subject: Repost----FS: SP600, FRR-3, Collins 180-S1
Message-ID: <333E9763.22D5@aclic.com>

In the original posting I had FRR-3 it should be AN/FRR-49(V)
My error,
Regards to the group.

The SP600/R-274-A/FRR works like a champ. The RF deck has been recaped. The cosmetics are a 6. Imminently restorable. Nothing is bent no mods extra holes etc.

It needs a cleanup and the front panel needs a paint job. Since the lettering is engraved this is not a big deal. I would do it but I bought a fully restored unit - for twice what I am asking for this unit. In addition it comes in a military style carrying case. The case has large folding handles on the side and the top opens. 10.5 inch rack mount. Someone repainted the case but not very well. (Didn't strip it) The whole setup looks cool. \$380 plus shipping (remember this is a boatanchor)

AN/FRR-49(V) - this is a module based general coverage receiver. It comes with four modules and covers 2-32 MHz. Modules are FFRD-5 2-4mhz, FFRD-6 4-8mhz, FFRD-7B 4-8mhz, FFRD-8B 16-32 MHz. The actual receiver is 5.5 inch rack mount. The four modules have a separate 10.5 inch rack mount container. You pull the module you want to use out of the 10.5 inch rack and push in to the receiver. The cosmetics are a 8 and with very little clean-up (no painting, etc.) the unit can be brought up to 9.5. In addition the units are mounted in a aluminum wood trimmed 48 inch standard RETMA rack. This unit will also cleanup to a 9.5 without much work. The receiver includes a remote tune function. Someone designed a home-brew remote RIT tuner that is also included (The receiver also has tuning and many other controls. By the looks of the unit it was mfg. in early 60is. The equipment has NOT seen hard service. \$360 plus shipping with rack this is about 60lbs. Repo manual included.

Collins 180-S1 1000 watt antenna tuner. Cosmetics are a 7. Very restorable. Works with all Collins equipment (also non-Collins) I have not tried it out. Tuners don't have much that can go wrong. The unit exhibits the normal Collins craftsmanship. Multiple reduction dials, etc. Reproduction manual with it. \$340 plus shipping.

Regards
Dave

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Ho4bart@aol.com
Subject: Re: Repost----FS: SP600, FRR-3, Collins 180-S1
Message-ID: <970330132158_705514622@emout05.mail.aol.com>

In a message dated 97-03-30 11:37:41 EST, hdmeitzen@champion.aclic.com (H. Dave meitzen) writes:

<<

AN/FRR-49(V) - this is a module based general coverage receiver. It comes with four modules and covers >>

this thing was intended for fixed freq tty reception, that's why the tuning rate and dial resolution are poor.
when i was working in a surplus store in seattle years ago, some fisherman brought one in that he had scrounged in the Aluetians.

Said the military had abandoned it rather than haul it back to the states. hue miller

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Ho4bart@aol.com
Subject: Re: Repost----FS: SP600, FRR-3, Collins 180-S1
Message-ID: <970331102410_-1905841081@emout03.mail.aol.com>

In a message dated 97-03-30 15:22:28 EST, hdmeitzen@champion.aclic.com (H. Dave meitzen) writes:

<< The story doesn't reflect well on the unit. I think it works great! the RIT attachment provides a fine freq. adjustment. >>

Hue Miller: it didn't occur to me til after posting that, that it might have come across as ridiculing that original FS posting, which was not my intent in the least.

I think my comments on poor freq. dial resolution & fast tuning rate are pretty much accurate, i think most observers would agree. Of course it is a very compact unit, and the small size does not allow much of a large complex dial system. And then too, it was intended as a RTTY receiver, to be set to one freq. and not tuned around. Yes, it would be sensitive, as it uses 'modern miniature' tubes.

(Oh yes, we are talking about the FRR-49V, aren't we -- i hope.....!)

Now the 2nd part, about the Alaska fisherman bringing one back from the Aleutians, to avoid possible misunderstanding, i mentioned this as an example of government waste, not that the military had left it behind as not worth moving.

In short i think this makes an interesting SWL radio but not a DXer or ham's receiver. IMO.

hue miller

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: RE: S-meters (was SX-28 questions)
Message-ID: <199703301739.LAA19042@dfw-ix7.ix.netcom.com>

circuit. Your bridge recommendation makes perfect sense.

Following your advice, I've fixed my "wrong-reading" meter simply by reversing the meter leads and tacking a 10K resistor from the meter/zero-pot junction to ground, thus forming the fourth leg of the bridge. 10K ohms was chosen through a bit of trial an error - I first tried 18K (as this was what I calculated the 'tube' equivalent

resistance in the other bridge leg to be), but I found that with this value the zero-pot, when adjusted for meter-zero, was against one of its stops. 10K gives me a comfortable (though not large) margin for meter zeroing.

I haven't checked meter calibration (the manual says each S-unit represents 6 dB), but quite frankly I'm happy just to have the meter moving in the right direction. (I'd still like to find the proper original meter, though).

Regards,

- Jeff, WA6AHL

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Ho4bart@aol.com
Subject: Re: Ship radios, lost treasures, & such
Message-ID: <970331111314_-703276291@emout02.mail.aol.com>

I was conversing with Tony Grogan about surplus hoards,
lost anchor-treasures and pots of tubes at the end of the
rainbow..... hue miller

<< Hue..Just fer yer interest....most of the captured German
Sig. Equip, and "other stuff" too, that was seized in the
Channel Islands (Guernsey, Jersey, Les Ecreaux, Alderney,
Sark) and France etc.....was dumped in Hurd Deep. This is
off the coast of Guernsey. As I own a house there, I can
remember RIGHT AFTER WW11 seeing "bits and pieces" come
in on the rocky shore. My Mom would not let me keep it!! (at the
time!) O'h....bye-the -bye...are you familiar with a German Infra
Red communications system Li Sp? 80 ??? . It was used between
Alderney and Sark (L.O.S) It was useful as it would penetrate the
channel fogs..and..was generally "hard to monitor" by "the enemy"
(us) I have parts of ths system..the optics from Guernsey end.
(St Peter Port). They used CW!! (YES!!!) and Voice >>

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: w0ozg@digitalexp.com (Schoepf, David)
Subject: Shure Mike
Message-ID: <19970330165435515.AAA157@LOCALNAME>

I've got a Shure microphome looks like a model 55 only it has the impedance
switch on the bottom (H-M-L) Average condition, nameplate has the lettering

completely worn off, but the mike itself, while showing signs of use, isn't too bad.

Anybody that wants it can have it for \$25.00, incl UPS surface.

Dave Schoepf W00ZG
1674 Delta Ln.
Marianna, FL 32448

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: w0ozg@digitalexp.com (Schoepf, David)
Subject: Shure Mike
Message-ID: <19970330195500791.AAA155@LOCALNAME>

Boy did I miss my guess. Could have sold a crate of Shure mikes.

Sorry folks, but it's gone!

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: KA9EGW@aol.com
Subject: Re: soldering aluminum
Message-ID: <970330122134_2080547229@emout01.mail.aol.com>

I see the low-temp aluminum solder paste at every hamfest. We use it from time to time in the bike shop; if you don't take a wire brush (suggest a small rotary wire brush in a dremel tool) and get down to bare aluminum, the stuff won't stick. If you have a perfectly clean, degreased, surface to work on, the stuff does quite nicely.

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Ed Tanton <n4xy@avana.net>
Subject: Re: soldering aluminum
Message-ID: <3.0.1.32.19970330152937.00906260@tiger.avana.net>

My experience with the paste stuff was exactly the same... NOTHING I did would make it remotely work. I have a bit of the stuff you buy as wires, but have never tried it. I had hoped to make some aluminum frames for power supplies and the like, but just have never gotten 'roundtuit' after the paste stuff was such a dismal failure for me.

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail

Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Harry Vaught <hvaught@worldnet.att.net>
Subject: SX-101A Meter broken
Message-ID: <333EFFF5.3EEB@worldnet.att.net>

Gang,

In my first (and probably not last) self-imposed boatanchor problem, I've broken the rear spring on my SX-101A's S-meter while trying to remove a broken bulb.

Does anyone know of a meter repair service? Seems like one was mentioned here recently.

Thanks,

Harry, KT4AE

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: jproc@bellglobal.com
Subject: TE236 Receiver
Message-ID: <Chameleon.4.01.2.970330122801.jproc@>

Dear BA'ers,

I've often wondered about the origins of the TE236 receiver but didn't think of asking until now. The TE236 is identical to the RAK in most respects except that it lacks the meter and the meter attenuation switch. An example of the TE236 aboard HAIDA bears the Royal Navy nameplate. Was this receiver ever used in the USN? Does anyone have any background info on this receiver?

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com

HMCS HAIDA Naval Museum, Toronto
WEB <http://www3.sympatico.ca/hrc/haida>

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Ho4bart@aol.com
Subject: Re: The squeaky Boatanchor gets the Oil....
Message-ID: <970330114106_773678736@emout15.mail.aol.com>

from hue miller: i received the following email & thot i would
send it to the group for possible interest:

<< OILITE is a type of bearing..i.e. it is PERMANENTLY
lubricated...this means the steel used in the bearing (surface)
is permanently treated with oil and does not separate from
the surface. Additionally, there are retainer plates on the end
of the bearing to allow "re-channeling" of grease back towards
the pins/ rollers as if you were injecting grease. NO grease gets
out...dirt does not get in. I have known about New Departure
bearings for about 30 yrs. I, as an Avionic Technician years ago
used to replace as a matter of course, bearings periodically on
customers (dynamotors) airplanes. I still do if I get a suspect
bearing (anything WW11). each bearing has a part number that
can be cross-referenced. That particular size is used a lot on small
machinery! >>

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: gpewitt@execpc.com
Subject: Re: The squeaky Boatanchor gets the Oil....
Message-ID: <Chameleon.970330121740.gpewitt@execpc.com.execpc.com>

The OILITE I have used is a bushing made from sintered
brass or bronze. The sintering process leaves it full
of small cavities which soak up and hold the oil it is
impregnated with. I have never seen an OILITE bushing
with any steel, pins/rollers, or seals used in it's
construction. The heat generated in use causes the oil
in the bushing to seep out and lubricate the shaft.
The bushing eventually runs out of oil and then it wears
rapidly. If caught before it's completely dry it can be re
lubed by heating it and then dropping into oil which it
will suck in as it cools. As a machinist I installed many

hundreds of OILITE bushings. They work very well for their intended purpose. The pilot bushing in a car with manual transmission is an OILITE bushing. They wont take heavy loads or high speed. Thats why the throw out bearing has rollers or ball bearing. It could be that the OILITE company also makes sealed bearings under that name but the oilite itself is a single piece of sintered stock. It's sold made into many sizes of ready to use bushings and as a cylinder to be cut off to length and as a solid rod to be bored to the needed diameter.

Very versatile stuff.

It's available at any bearing supply house. There are catalogs full of different varieties.

73 Gary

><< OILITE is a type of bearing...i.e. it is PERMANENTLY
>lubricated...this means the steel used in the bearing (surface)
>is permanently treated with oil and does not separate from
> the surface. Additionally, there are retainer plates on the end
> of the bearing to allow "re-channeling" of grease back towards
> the pins/ rollers as if you were injecting grease. NO grease gets
> out...dirt does not get in. I have known about New Departure
>bearings for about 30 yrs. I, as an Avionic Technician years ago
>used to replace as a matter of course, bearings periodically on
>customers (dynamotors) airplanes. I still do if I get a suspect
>bearing (anything WW11). each bearing has a part number that

>can be cross-referenced. That particular size is used a lot on small
> machinery! >>
>

Name: Gary Pewitt N9ZSV/KT

6120 W. Calumet Rd. Apt 204

Milwaukee, WI 53223

414 355 8147 Home 414 297 4307 Work

E-mail: gpewitt@execpc.com

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997

From: jackiv@juno.com (JOHN M IVERSON)

Subject: Re: The squeaky Boatanchor gets the Oil....

Message-ID: <19970330.114655.11150.1.jackiv@juno.com>

good day to all in my years up in South Dakota we used to buy "Oilite " sleeve bearings from an Iowa outfit called Standard Bearings. As an inquisitive kid I asked why the name, was told that it was a trademark for a porous, sintered bronze bearing, that was vacuum impregnated with an oil, we always kept our various sizes in cans of oil until used. the applications at that time was in starter and generator end bearings as well as in distributor shaft bearings etc etc. (This was an Auto-Electric Shop when we repaired everything, new was too expensive)

Jack Iverson K0EWU jackiv@juno.com ANY comments appreciated.

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Al Klase <skywaves@bw.webex.net>
Subject: Thordarson Transformer Info
Message-ID: <333F27B2.4F17@webex.net>

Anchorites,

Does anyone have data and/or connection info for a Thordarson 90A04 (audio?) transformer? Any help appreciated.

73,

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: John <johnmb@mindspring.com>
Subject: Re: Thordarson Transformer Info
Message-ID: <199703310029.TAA20195@brickbat9.mindspring.com>

> Does anyone have data and/or connection info for a Thordarson
>90A04
>(audio?) transformer? Any help appreciated.

Al,
Good transformer!

"Broadcast station and other exacting requirements have necessitated the design of Thordarson Tru Fidelity Transformers."

t-90A04 Audio interstage
\$17.00 (in 1941)

Primary-10,000/2500 ohms

Secondary 40,000/10,000

Max DC per side (mA) 0

Max DC unbalanced (mA) 0

Max Sig Level (db) 15

73,
/John
wb5oau/4

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
+-----

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Thordarson Transformer Info
Message-ID: <Pine.SUN.3.91.970330230252.5745C-100000@indy3>

Hi!

Thought I'd add my two cents to this thread:

On Mon, 31 Mar 1997, John wrote in re t-90A04 xfr:

> "Broadcast station and other exacting requirements have necessitated the
> design of Thordarson Tru Fidelity Transformers."

Hang on to that critter! Thordarson Tru Fidelity iron is some of the very best ever made. Some years ago, I did a series of runs on a T-F 600:600 transformer, and ended up measuring the floor of the test gear (H-P 654A osc, 332 meter/analyzer). None of my co-workers would believe the results 'til they tried it themselves--darn thing acted just like a small resistive pad, 20cps-30kc, -50 to +10dBm. (Did runs at 0, +10, -10 and -50). THD was the same with the transformer in or out--they're *good.* (BTW, the transformer I checked was from a Collins 212-A audio mixer, ca. 1947. Art's boys had a few clues about what worked best, they say....)

73,

--Bobbi

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Ho4bart@aol.com
Subject: Re: Thordarson Transformer Info
Message-ID: <970331103733_-1336481322@emout11.mail.aol.com>

In a message dated 97-03-30 18:58:19 EST, skywaves@bw.webex.net (Al Klase) writes:

<< Does anyone have data and/or connection info for a Thordarson
90A04
(audio?) transformer? A >>

what about putting a transformer catalog in the archives? i have a fair
number of references, but when i need them they may as well be on
some other planet.
hue miller

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Jeffrey Herman <jeffreyh@hawaii.edu>
Subject: tube help for an HW-16
Message-ID: <Pine.GS0.3.95q.970330162247.16651H-100000@uhunix3>

Hi Folks - I was just placing the tubes back into my HW-16
and have two left over with their markings worn off. They're
supposed to be a 6EA8 and a 12AX7. One of them has /ECC83
following what was worn off. Can any of you tell anything
from that?
73,
Jeff KH2PZ / KH6

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Ho4bart@aol.com
Subject: Re: Variable Xtals
Message-ID: <970330122412_248777149@emout19.mail.aol.com>

In a message dated 97-03-14 18:28:06 EST, sinned@vnet.ibm.com writes:

<< Seems as stable as a non-adjustable unit, but is sensitive to "hand
capacity"
>>

(re the "adjustable crystal")

i don't get this. why would an xtal be sensitive to handcapacity?
seems like the plates should provide its own kind of isolation.
hue miller

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Variable Xtals
Message-ID: <Pine.SUN.3.91.970330130718.7131C-1000000@indy1>

Hi!

> sinned@vnet.ibm.com writes [of a variable rock]:
> ...stable ... but is sensitive to "hand capacity"
>
On Sun, 30 Mar 1997 Ho4bart@aol.com asked:
> why would an xtal be sensitive to handcapacity?
> seems like the plates should provide its own kind of isolation.

Yes...but! Many of the "doorknob" holders have an electrical connection to the metal top plate found on most such. Sometimes it will bear directly on the crystal, or on an intermediary pressure plate that bears on the crystal. One of the two screws that hold the plate on completes the connection--the tapped insert it threads into has a jumper over to one of the pins. (Other holders are all-Bakelite; there were *many* sorts of the basic "doorknob" style).

In use, that side of the holder is plugged into the lowest-potential side of the socket; in a tuned-plate or Tri-Tet, it goes to the side *not* connected to the grid.

If you plug it in the other way 'round, here's a nice big chunk of metal hooked to the hot side of the crystal and the grid of the tube, hanging out the front or top of the chassis. Get near it, and capacity to ground (that'd be you, by golly!) goes 'way up, just like stickin' a trimmer across the rock. Frequency changes. I suppose a really talented sort could do narrow-band FM that way.... :) (The extremely dextrous might try keyboardless RTTY FSK!)

This is something of a hazard for folks who like Pierce xtal oscs and don't hang a nice fat condenser in series with the plate side of the crystal--you get hand-capacity driftage or B+ on the top plate, kinda nasty either way.

73,
--Bobbi

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: Bob Roehrig <bproehrig@admin.aurora.edu>

Subject: W.E. mic connector wanted

Message-ID: <Pine.ULT.3.95.970330194222.19180A-100000@admin.aurora.edu>

I am still looking for a mic connector for a W.E. 618A mic. It is
a rectangular job with 3 flat blade-type pins.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997

From: Ronald H Steinberg <rhstein@interaccess.com>

Subject: W.E. mic connector wanted

Message-ID: <3.0.32.19970331082043.0077492c@pop.interaccess.com>

>

>I am still looking for a mic connector for a W.E. 618A mic. It is
>a rectangular job with 3 flat blade-type pins.

> E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
> CIS: Data / Telecom Aurora University, Aurora, IL
> 630-844-4898 Fax 630-844-5530
>
>

Bob , You may want to give Bob Paquette(exWN9VAQ) at Select Sound a call
(414 645 1600)in Milwaukee.

He has the largest antique (before 1970) microphone collection in the the
world!

His place should be on the official list of BA Haunts in N Americayou
have got to see it!!

He usually lurks around many of hamfests in this area.

PS if have any more 618s "8 ball mics" let me knowI have some "salt
shaker" mics you may want

73 Ron K9IKZ

Ron Steinberg K9IKZ rhstein@interaccess.com
 512 S Cherry Itasca IL 60143
 630 773 3583 hm 630 773 0822 hm fax

At work: rentcom@mcs.com http://www.rentcom.com
 847 678 7000 wk 847 678 9378 wk fax

From boatanchors@sco.theporch.com Mon Mar 31 11:38:40 1997
From: William Donzelli <william@ans.net>
Subject: Weight data needed for SA
Message-ID: <199703311648.AA26684@interlock.ans.net>

Does anyone out there have a directory or technical manual that would tell me how much a Navy type CRV-52ADB radar transmitter (part of model SA) weighs?

William Donzelli
william@ans.net

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
Subject: WTB BC 610 A-E
Message-ID: <2.2.16.19970330114830.2d476b46@eitel.eimac.cpii.com>

Hello All

Would like to find a BC 610 model E or preferably a earlier B,C or D model. Would like to find one that is not cobbled up if possible. Will be used in my SCR 299 radio truck restoration. Can hardly wait to take the 610 mobile..hi.

Thankyou
Paul N6FEG

Paul Thekan - Speaking for Himself
Paul.Thekan@eimac.cpii.com

From boatanchors@sco.theporch.com Sun Mar 30 18:29:43 1997
From: John Kolb <jlkolb@cts.com>
Subject: Re: WTB: SX-28 S-Meter (was Help! SX-28 Questions...)
Message-ID: <Pine.SC0.3.91.970330113304.13208B-1000000@sd.cts.com>

On Sun, 30 Mar 1997, Jeff Anderson wrote:

> My meter rests on the *left* side when the power is off - some
> previous owner must have replaced the original meter movement with that
> of a conventional meter, and that's why it behaves so oddly.

If you are not lucky enough to find the correct meter, all is not lost.

It may be that if you take the meter movement completely out of the case, that by adjusting the spring pivots at both the front and back

of the movement, (carefully !!), you may have enough adjustment range to move the zero point all the way to the right side. You may then have to reverse the polarity of the leads feeding the meter.

John KK6IL